

Figure 1

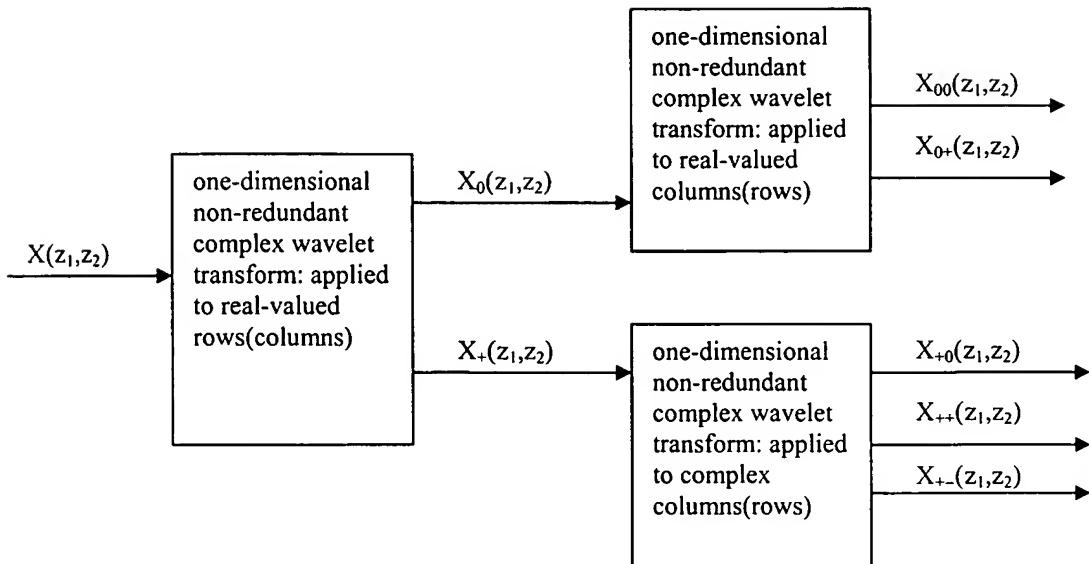


Figure 2a

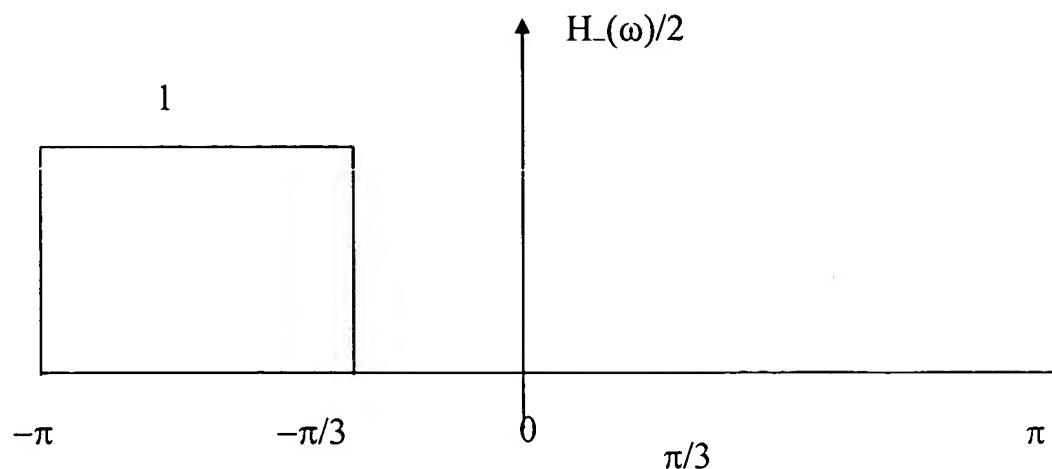


Figure 2b

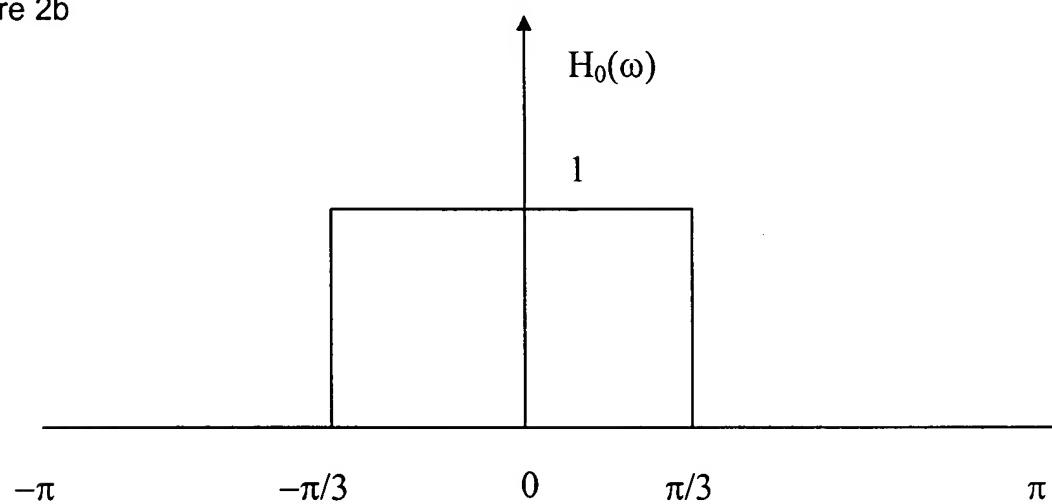


Figure 2c

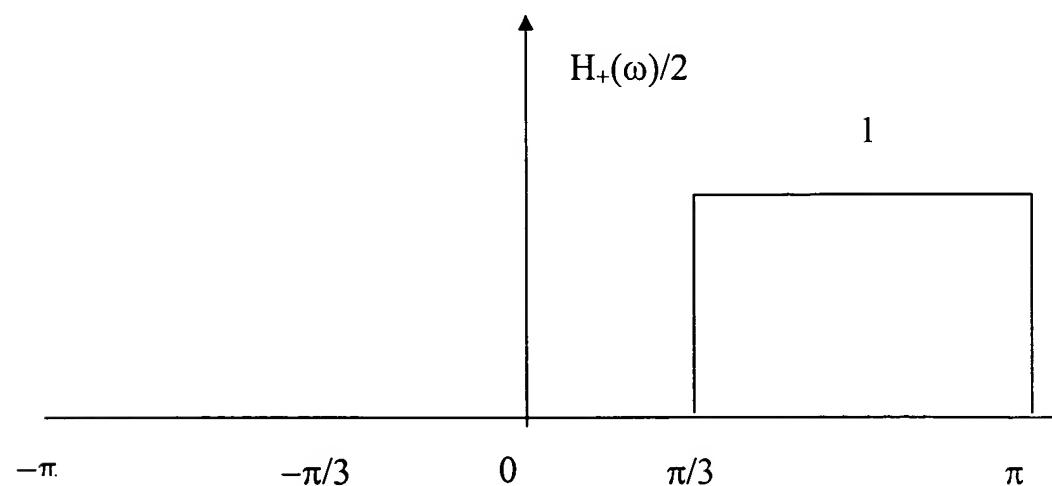


Figure 3a one-dimensional transform for real-valued signals

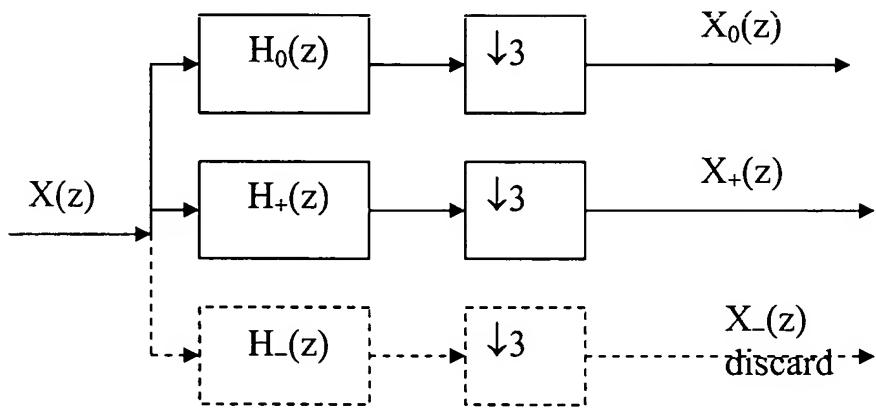


Figure 3b one-dimensional transform for complex-valued signals

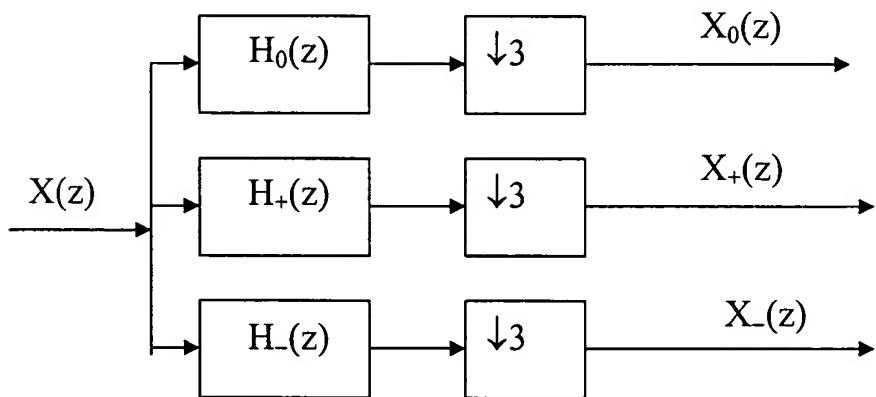


Figure 3c polyphase

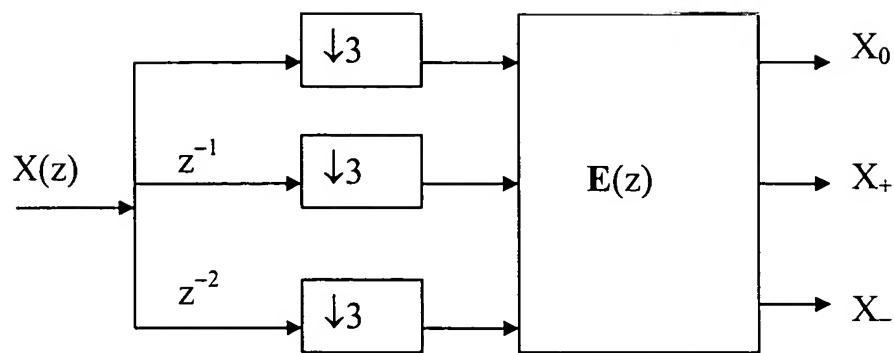


Figure 3d lifting

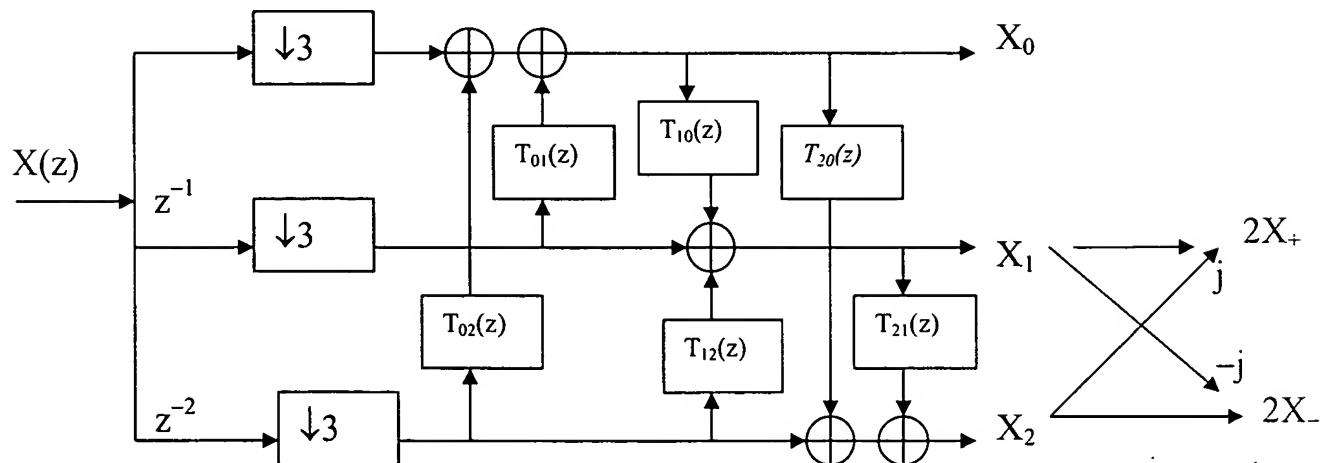


Figure 4a

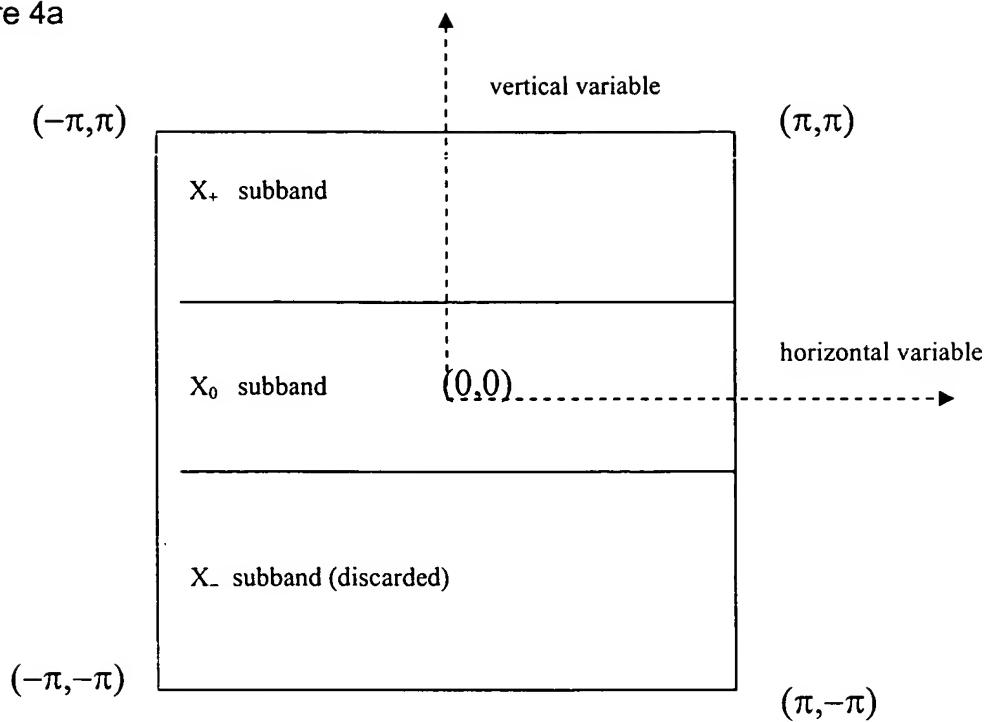


Figure 4b

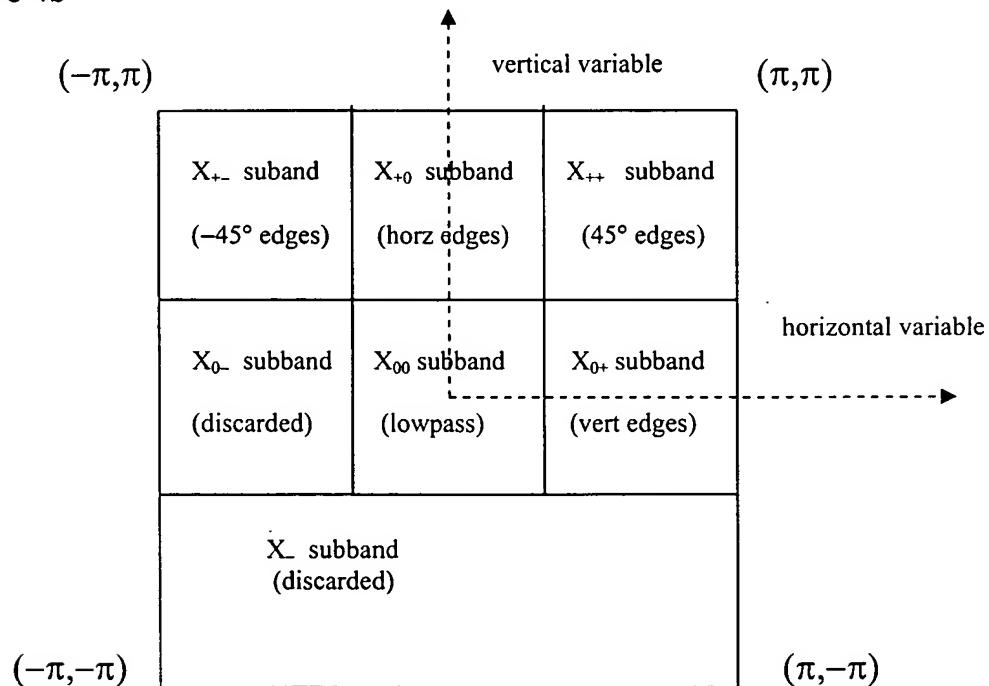


Figure 5a lifting synthesis for complex

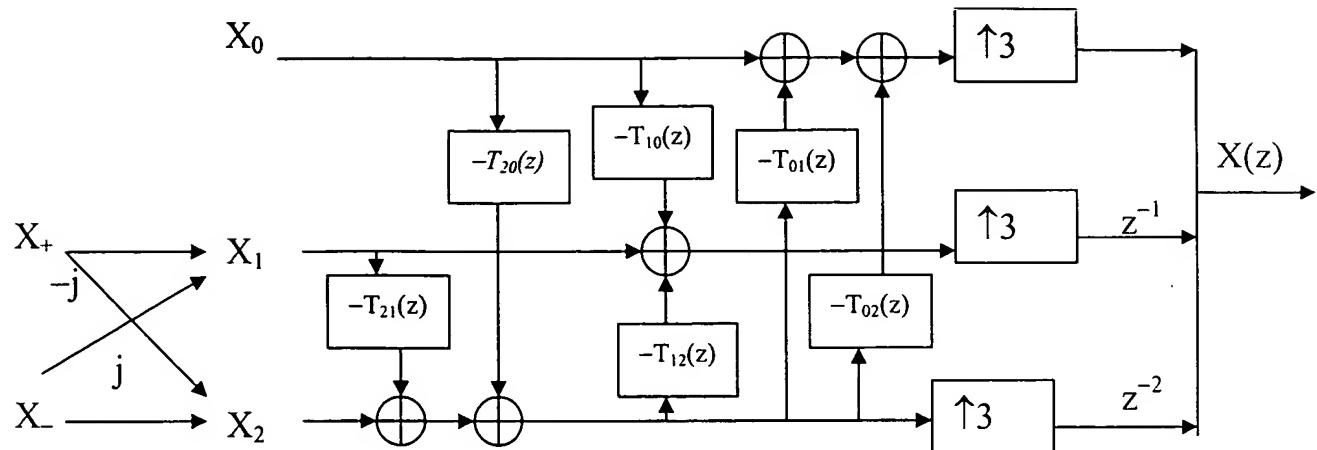
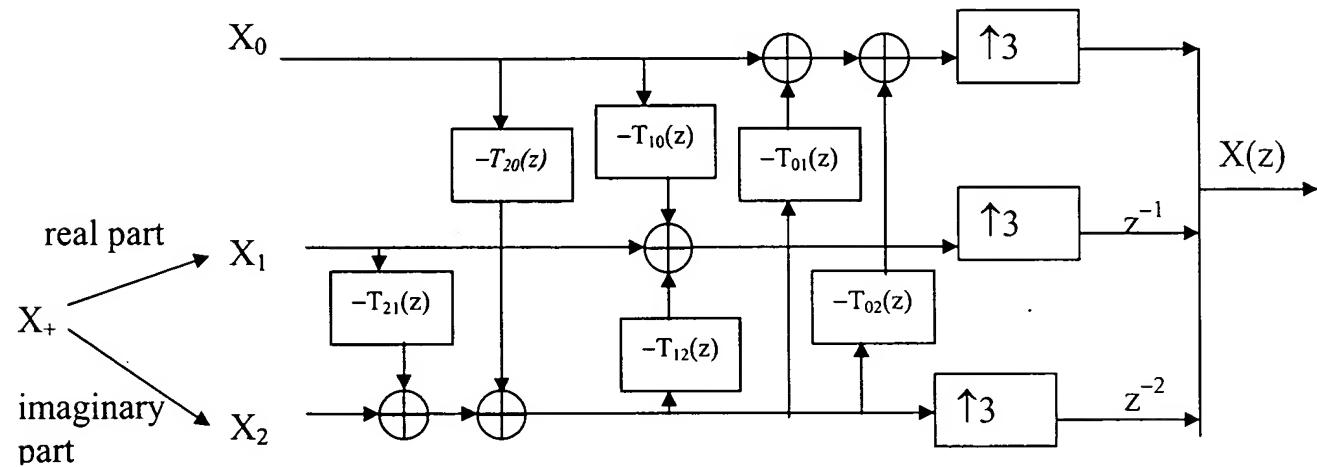


Figure 5b lifting synthesis for real



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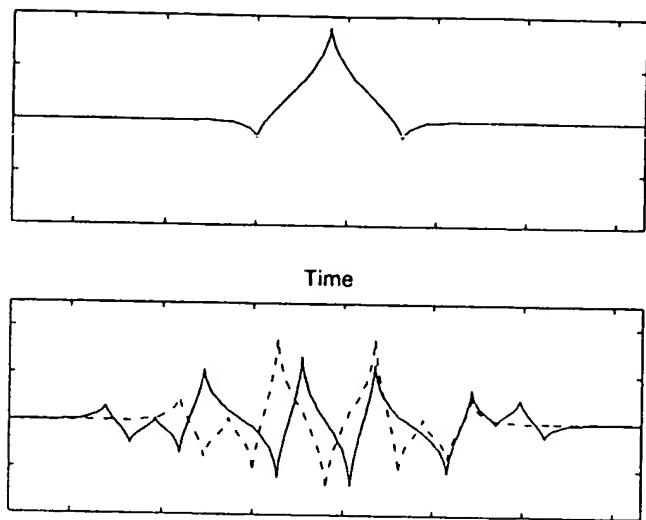


Fig. 6 (a)

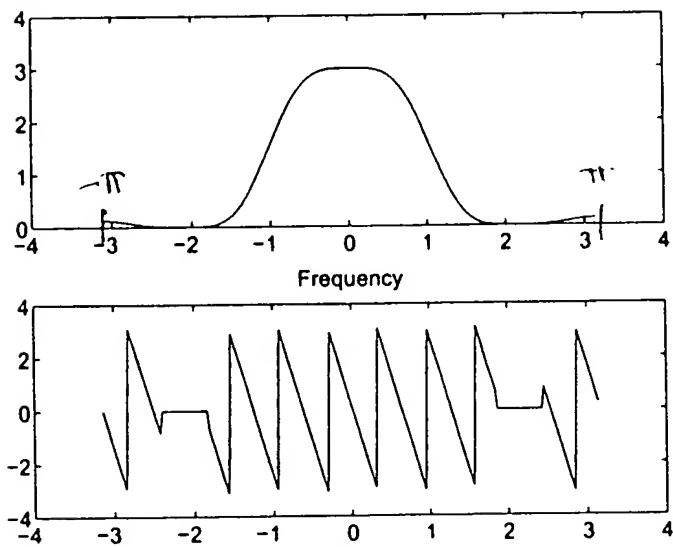


Fig. 6 (b)

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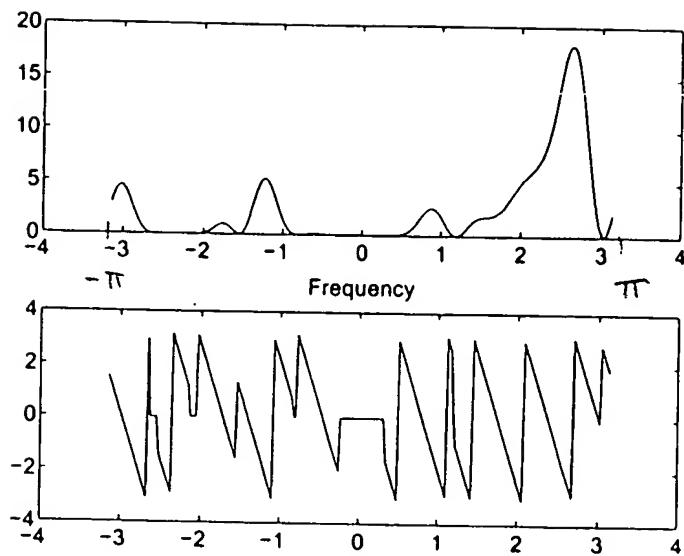
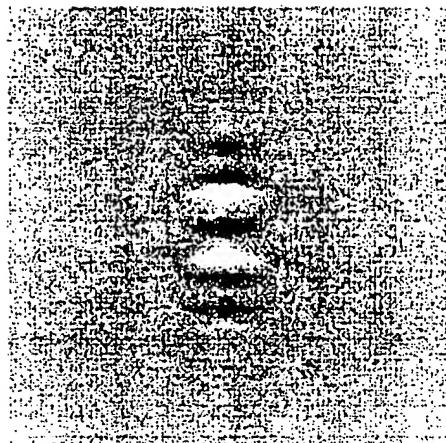
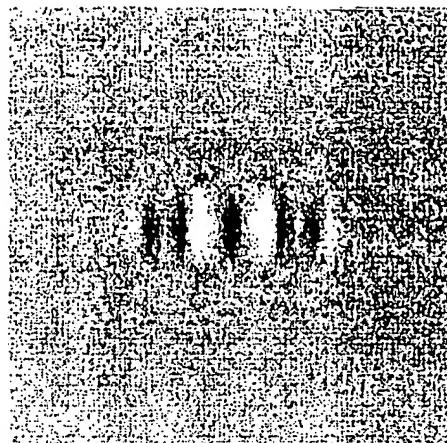


Fig. 6 (c)

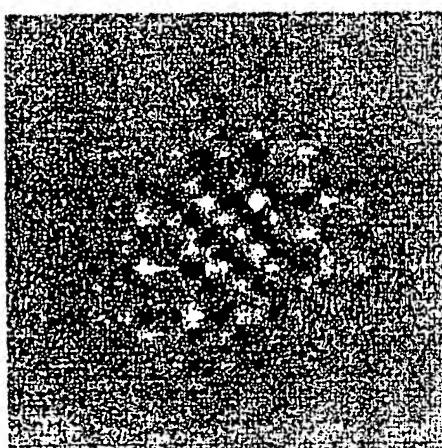
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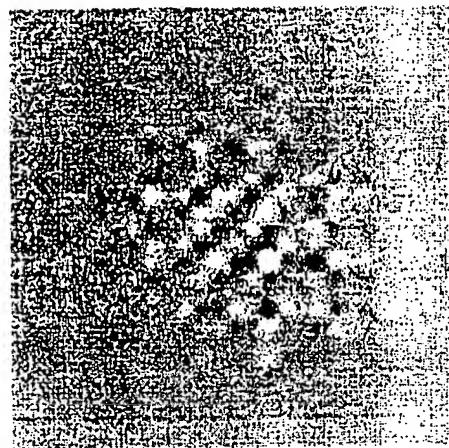
Horizontal



Vertical



+45

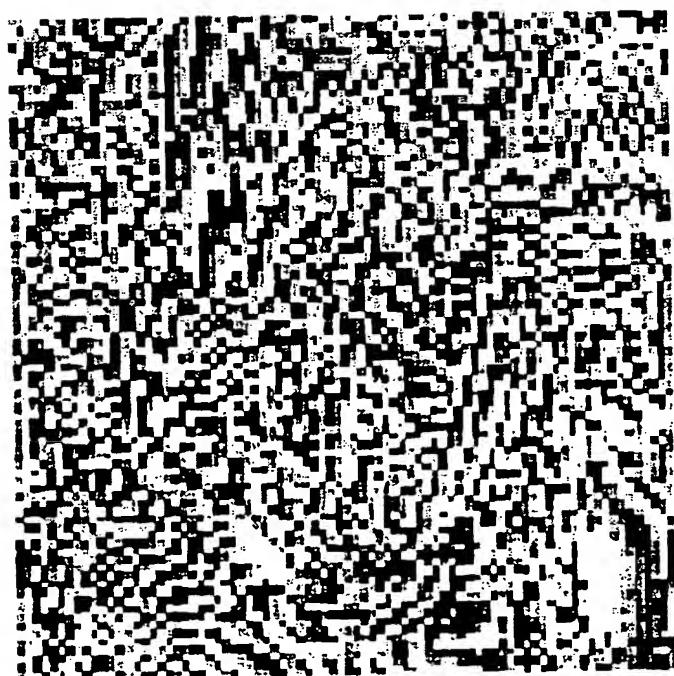
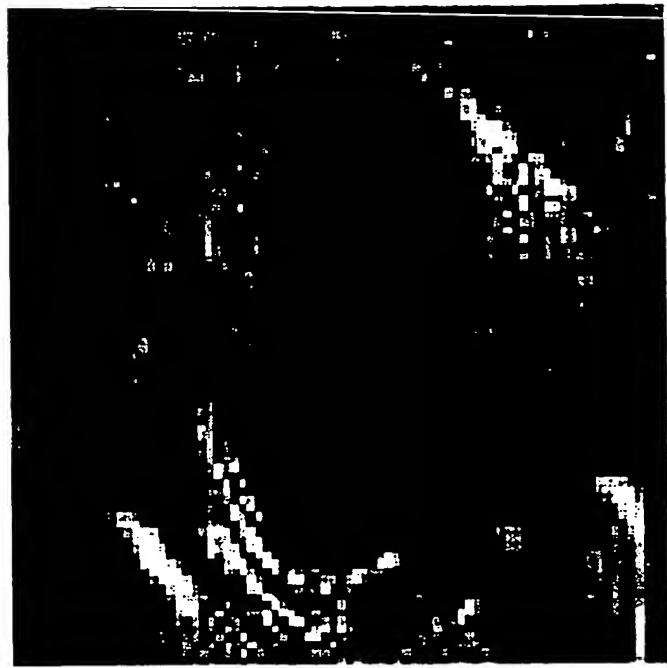


-45

Fig. 7

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c
Fig. 8

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Figure 9a digital camera functions

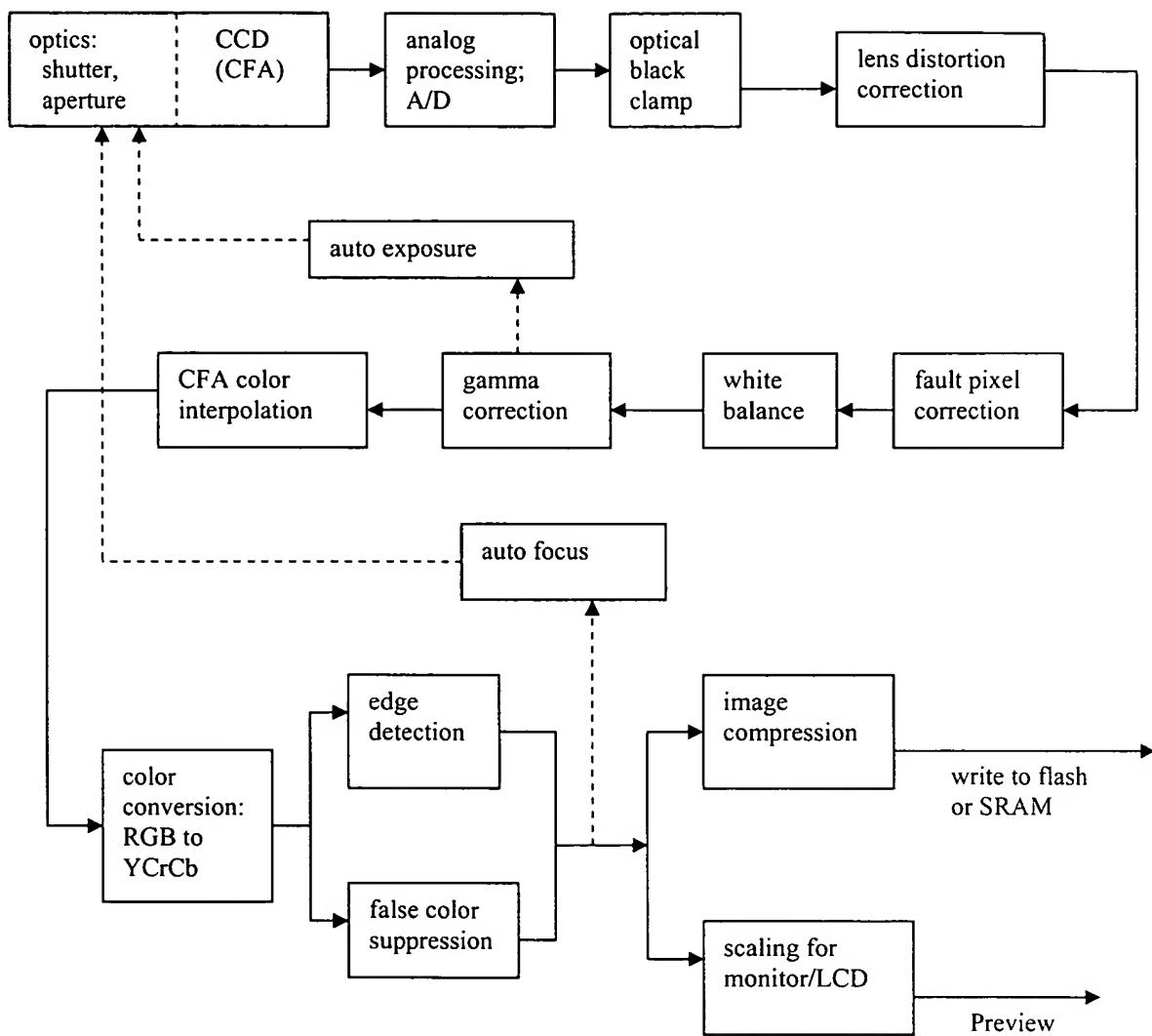


Figure 9b digital camera components

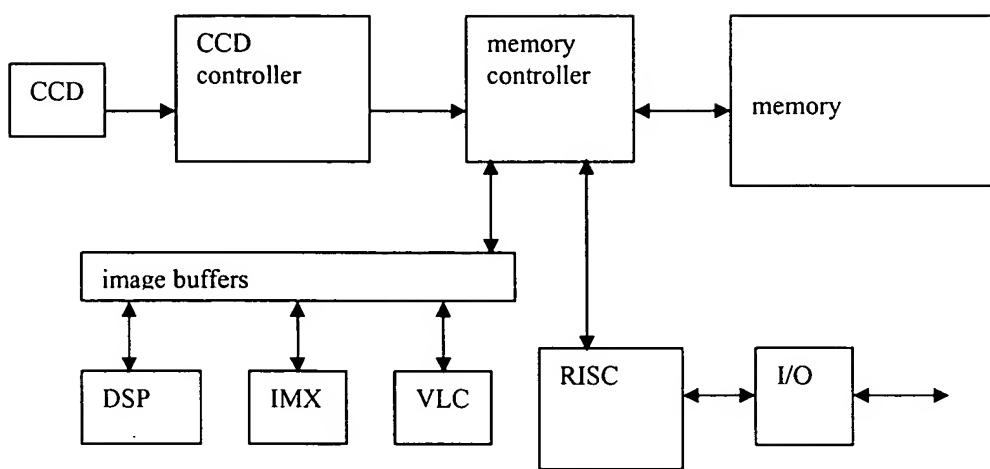


Figure 10

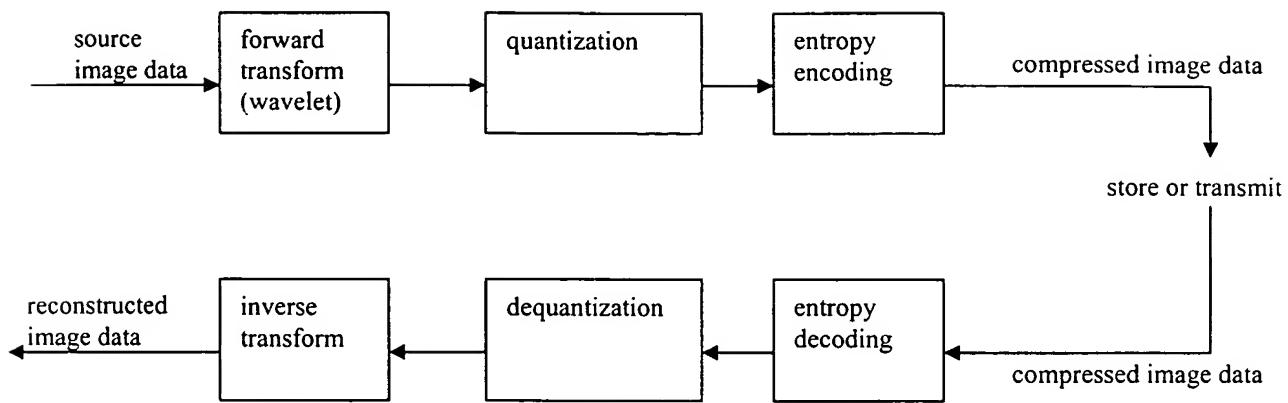


Figure 11a JPEG2000 component image

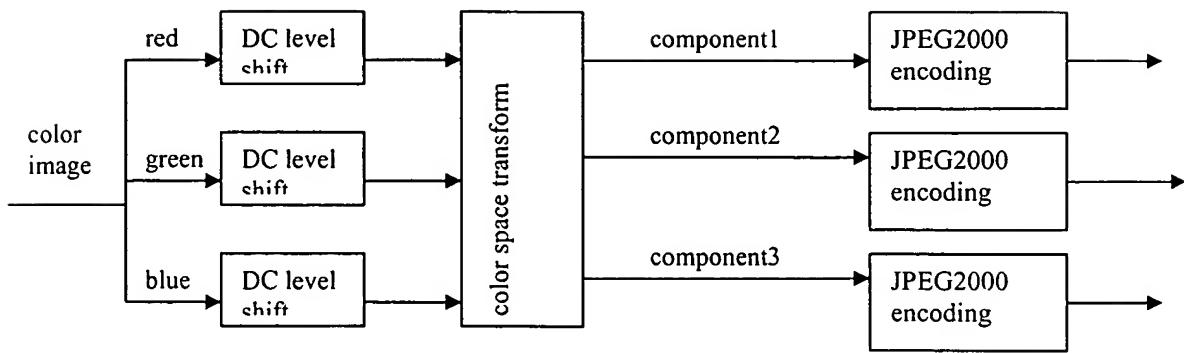


Figure 11b JPEG2000 overall

